



**THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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JUN 25 2002

**PATENT APPLICATION**

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In re the Application of

Glaucia PARANHOS-BACCALA et al.

Application No.: 09/138,735

Filed: August 24, 1998

For: TRYpanosoma cruzi antigen, gene encoding therefor and methods of detecting and treating chagas disease

TECH CENTER 1600/2900

Group Art Unit: 1645

Examiner: J. Graser

Docket No.: WPB 36400B

AMENDMENT

Director of the U.S. Patent and Trademark Office  
Washington, D.C. 20231

Sir:

In reply to the Office Action mailed March 21, 2002, please amend the above-identified application as follows:

IN THE CLAIMS:

Please replace claims 10 and 36-38 as follows:

*G Sub H3*  
10. (Three Times Amended) The primer according to claim 8, wherein said

primer comprises a nucleotide sequence selected from the group consisting of SEQ ID NO:8, SEQ ID NO:9, SEQ ID NO:10 and SEQ ID NO:12.

*G*  
36. (Amended) The nucleic acid fragment of claim 21, wherein said nucleotide

sequence:

*SUB H3*  
is a nucleic acid sequence that is identical to or is a degenerate of a sequence starting at nucleotide 1232 and ending at nucleotide 1825 of SEQ ID NO: 1 or the corresponding

RNA sequence, or

*G*  
is a full complement of said nucleic acid sequence.